



# STIC Search Report

## EIC 2100

STIC Database Tracking Number: 190827

**TO: Pinchus Laufer**  
**Location: RND 1C81**  
**Art Unit: 2100**  
**Tuesday, May 23, 2006**

**Case Serial Number: 10/720030**

**From: Shirelle Green**  
**Location: EIC 2100**  
**RND 4B28**  
**Phone: 272-3487**

**Shirelle.Green@uspto.gov**

### Search Notes

Pinchus,

Attached are the results for your Litigation search for 6,324,639.

There were no cases found for this Patent Number...

If you have questions, please feel free to call.

*Shirelle Green~Technical Information Specialist*  
*US Patent & Trademark Office*  
*STIC, EIC2100*  
*Randolph 4B28*  
*(Phone) 571-272-3487*  
*(Fax) 571-273-0044*



Access DB# 190827**SEARCH REQUEST FORM****Scientific and Technical Information Center**

Requester's Full Name: Pinchus Laufer  
Art Unit: 2100 Phone Number 272-3599  
Mail Box Location: 1C81

Examiner #: 73139 Date: 5/22/06  
Serial Number: 10/720,030  
Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation  
6,324,639

Inventor : Taketo Heishi et al..

O.G. Date: Feb 10, 2004

\*\*\*\*\*

**STAFF USE ONLY****Type of Search****Vendors and cost where applicable**

Searcher: Shirelle Green

Sequence (#) \_\_\_\_\_

STN \_\_\_\_\_

Searcher Phone #: 571-272-3487

AA Sequence (#) \_\_\_\_\_

Dialog \_\_\_\_\_

Searcher Location: 4B28

Structure (#) \_\_\_\_\_

Questel/Orbit 11.38

Date Searcher Picked Up: 5/23/06

Bibliographic \_\_\_\_\_

Dr. Link \_\_\_\_\_

Date Completed: 5/23/06

Litigation ☒

Lexis/Nexis

Searcher Prep & Review Time: \_\_\_\_\_

Fulltext \_\_\_\_\_

Sequence Systems \_\_\_\_\_

Clerical Prep Time: \_\_\_\_\_

Patent Family \_\_\_\_\_

WWW/Internet

Online Time: 10

Other \_\_\_\_\_

Other (specify) Courtlink 20.00

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

**6324639**

[Link to Claims Section](#)

November 27, 2001

Instruction converting apparatus using parallel execution code

**INVENTOR:** Heishi, Taketo - Osaka, Japan (JP); Tanaka, Tetsuya - Ibaraki, Japan (JP); Higaki, Nobuo - Osaka, Japan (JP); Takayama, Shuishi - Takarazuka, Japan (JP); Odani, Kensuke - Kyoto, Japan (JP)

**APPL-NO:** 280777 (09)

**FILED-DATE:** March 29, 1999

**GRANTED-DATE:** November 27, 2001

**PRIORITY:** March 30, 1998 - 10083368, Japan (JP); April 8, 1998 - 10095647, Japan (JP)

**ASSIGNEE-PRE-ISSUE:** April 26, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, OAZA KADOMA, KADOMA-SHIOSAKA-FU, (1), Reel and Frame Number: 009918/0083

**ASSIGNEE-AT-ISSUE:** Matsushita Electric Industrial Co., Ltd., Osaka, Japan (JP), Foreign company or corporation (03)

**CORE TERMS:** register, decoder, processor, buffer, stored, processing, node, format, dependency, bit ...

**ENGLISH-ABST:**

A processor can decode short instructions with a word length equal to one unit field and long instructions with a word length equal to two unit fields. An opcode of each kind of instruction is arranged into the first-unit field assigned to the instruction. The number of instructions to be executed by the processor in parallel is s. When the ratio of short to long instructions is s-1:1, the s-1 short instructions are assigned to the first unit field to the s-1th unit field in the parallel execution code, and the long instruction is assigned to the sth unit field to the (s+k-1)th unit field in the same parallel execution code.

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**File: ALL**

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**File: JNLS**

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**File: CURNEWS**

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Patent Search - Number: 6324639

No cases found.

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10/720030; Pinchus Laufer

us6324639/pn

\*\* SS 1: Results 1

Search statement 2

?prt full nonstop legalall

1/1 PLUSPAT - (C) QUESTEL-ORBIT  
PN - US6324639 B1 20011127 [US6324639]  
TI - (B1) Instruction converting apparatus using parallel execution code  
PA - (B1) MATSUSHITA ELECTRIC IND CO LTD (US)  
PAO - Matsushita Electric Industrial Company, Ltd., Osaka [JP]  
IN - (B1) HEISHI TAKETO (JP); ODANI KENSUKE (JP); HIGAKI NOBUO (JP);  
TANAKA TETSUYA (JP); TAKAYAMA SHUISHI (JP)  
AP - US28077799 19990329 [1999US-0280777]  
PR - JP8336898 19980330 [1998JP-0083368]  
- JP9564798 19980408 [1998JP-0095647]  
IC - (B1) G06F-009/30 G06F-009/38 G06F-009/44  
ICAA- G06F-009/38 [2006-01 A - I R M EP]  
ICCA- G06F-009/38 [2006 C - I R M EP]  
EC - G06F-009/38E6  
- G06F-009/38F  
PCL - ORIGINAL (O) : 712212000; CROSS-REFERENCE (X) : 712023000 712206000  
712215000 712245000  
DT - Basic  
CT - US3955180; US4611281; US4858105; US5452461  
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
AB - A processor can decode short instructions with a word length equal to  
one unit field and long instructions with a word length equal to two  
unit fields. An opcode of each kind of instruction is arranged into  
the first unit field assigned to the instruction. The number of  
instructions to be executed by the processor in parallel is s. When  
the ratio of short to long instructions is s-1:1, the s-1 short  
instructions are assigned to the first unit field to the s-1th unit  
field in the parallel execution code, and the long instruction is  
assigned to the sth unit field to the (s+k-1)th unit field in the same  
parallel execution code.  
UP - 2001-49

1/1 LGST - (C) EPO  
PN - US6324639 B1 20011127 [US6324639]  
AP - US28077799 19990329 [1999US-0280777]  
ACT - 20040210 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20031124  
UP - 2004-08

1/1 CRXX - (C) CLAIMS/RRX  
PN - 6,324,639 A 20011127 [US6324639]  
PA - Matsushita Electric Industrial Co Ltd JP  
ACT - 20031124 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20040210  
REISSUE REQUEST NUMBER: 10/720030  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2183